

I CLAIM:

1. An electric meter operation testing device, comprising:

5 a case enclosing an electrical circuit capable of carrying up to 240 volts of electricity;

said circuit comprising at least a pair of connection leads, the first lead of said pair connected in series through a circuit breaker and an element with at least two terminals, said first lead connected to one of said terminals;

10 the second of said pair of connection leads connected to said element at the other of said terminals; and

a light connected between said element terminal and said second connection lead.

2. An electric meter operation testing device according to claim 1, wherein said circuit further comprises a fuse between said first lead and said circuit breaker.

3. An electric meter operation testing device according to claim 2, wherein said fuse is capable of carrying 20 amps.

20 4. An electric meter operation testing device according to claim 1, wherein said circuit further comprises a thermostat between said first lead and said circuit breaker.

5. An electric meter operation testing device according to claim 4, when said thermostat is a 150° F thermostat with a cool-down reset of 20°F.

25 6. An electric meter operation testing device according to claim 1, wherein said circuit breaker is an off-on switch.

30 7. An electric meter operation testing device according to claim 1, wherein said light is a 1/3 watt, 250 volt red light.

8. An electric meter operation testing device according to claim 1, wherein said pair of connection leads end in clips.

35 9. An electric meter operation testing device according to claim 1, wherein said first of said pair of connection leads ends in a clip and said second of said pair of connection leads ends in a probe.

40 10. An electric meter operation testing device according to claim 1, wherein said element is a 240 volt 2000 watt element.

11. An electric meter operation testing device according to claim 1, wherein said element is a 240 volt 2000 watt dry water heater element.

45 12. A method for testing the operation of a single phase electric meter comprising the steps:

attaching one of a pair of connection leads from a device comprising an electrical circuit capable of carrying up to 240 volts of electricity to a neutral or ground on said meter;

attaching the other of said pair of connection leads from said device to a terminal of said meter;

activating said circuit;

generating a resistance;

5 noting the generation of said resistance;

noting the activation of said meter; then

disengaging said connection leads from said meter.

10 13. A method for testing the operation of a single phase electric meter according to claim 12, wherein said resistance generating means comprises an element with at least two terminals, one of said connection leads connected to one of said terminals, said element being at least a 240 volt 2000 watt element such that electric current from said meter meets resistance in said element and causes activation of a disc in said meter.

15 14. A method for testing the operation of a single phase electric meter according to claim 12, wherein said generation noting means comprises a light in series in said circuit between said second of said connection leads and said second terminal of said element, such that said light glows when resistance occurs in said circuit.

20 15. A method for testing the operation of a single phase electric meter according to claim 12, wherein said activation noting means is visible movement of an eddy current disc in said meter.

25 16. A method for testing the operation of a poly-phase electric meter comprising the steps:
attaching one of a pair of leads from a device comprising an electrical circuit capable of carrying up to 240 volts of electricity to a first phase terminal of said meter;
attaching the second of said pair of leads to a second phase terminal of said meter;
30 activating said circuit;
generating a resistance;
noting the generation of said resistance;
noting the activation of said meter;
disengaging said connection leads from said meter; then
35 repeating said method with attachments of said leads to said second phase terminal and a third phase terminal of said meter.

40 17. A method of testing the operation of a poly-phase electric meter according to claim 16, wherein said circuit comprises said first of said pair of connection leads connected in series through a fuse, a thermostat, a circuit breaker, and an element, while said second of said pair of connection leads is connected through a light to said element; the steps:
attaching said first lead to a first phase terminal of said meter;
attaching said second of said leads to a second phase terminal of said meter;
activating said circuit by closing said circuit breaker;
45 generating a resistance;
✓ noting the generation of said resistance;
✓ noting the activation of said light;
detaching said pair of connection leads from said meter; then
✓ repeating said attaching sequence for each combination of the poly-phase terminals

of said meter.

18. A method of testing the operation of a poly-phase electric meter according to claim 16, wherein said element is a 240 volt 2000 watt element.

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19. A method of testing the operation of a poly-phase electric meter according to claim 16, wherein said element is a 240 volt 2000 watt dry water heater element.

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